

IN THE CLAIMS:

Please cancel claims 3-4, 6-8 and 11, and add new claims 12-14 with the following new claims 12-14:

- 3. Canceled
- 4. Canceled
- 6. Canceled
- 7. Canceled
- 8. Canceled
- 11. Canceled

12. (New) A method of operating a computer controlled grinding machine having a computer with a computer screen, a grinding wheel and a regulating roller to grind a workpiece using the grinding wheel for grinding the outer surface of a workpiece, comprising:

loading a workpiece into the grinding machine between the grinding wheel and the regulating roller;

selecting a part profile icon from computer screen commands displayed on the computer screen;

setting value increment parameters inside at least one window displayed on the computer screen by inputting desired data entries into the computer corresponding to those parameter values; and

directing the computer to perform the grinding operation as input into the computer.

13. (New) The method of claim 12, further comprising a step of dressing the grinding wheel prior to the performance of the grinding operation.

14. (New) The method of claim 12, further comprising a step of dressing the regulating roller prior to the performance of the grinding operation.